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Education Information

Post Doctorate, Koc University, School Of Medicine, Department Of Surgical Medical Sciences, Turkey 2021 - 2021

Expertise In Medicine, Ataturk University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, Turkey 2012 - 2018

Expertise In Medicine, Ataturk University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, Turkey 2012 - 2018

Research Areas

Health Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Profiles of primary brain abscesses and their impact on survival: An international ID-IRI study**
ŞAHİN M., MERT A., Emecen A. N., Strunjas N. P., Fasanekova L., Batirel A., Darazam I. A., Ansari S., Firouzjaei G. G., Stebel R., et al.
International Journal of Infectious Diseases, vol.147, 2024 (SCI-Expanded)
- II. **Intimal Hemorrhage of Basilar Artery Induced by Severe Vasospasm Following Subarachnoid Hemorrhage: The Experimental Analysis**
Gokyar A., ŞAHİN M. H., KARADAĞ M. K., BAHADIR S., ZEYNAL M., ŞİPAL S., Aydın M. D.
JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY, 2024 (SCI-Expanded)
- III. **Overlooked evidence for transmission deficit of pupillary light reflex can be secondary to trigeminal nerve ganglion degeneration following subarachnoid hemorrhage; preliminary experimental study**
ŞAHİN M. H., KANAT A., KARADAĞ M. K., AKYÜZ M. E., KELEŞ O. N., GÜNDOĞDU Ö. L., FINDIK H., AYDIN M. D., Gel M. S., Daltaban I. S.
Neurological Research, vol.46, no.2, pp.178-186, 2024 (SCI-Expanded)
- IV. **Clinical and radiological analysis of the effects of three different lumbar transpedicular dynamic stabilization system on disc degeneration and regeneration**
KARADAĞ M. K., Akgun M. Y., Basak A. T., Ates O., Tepebasili M. A., Gunerbuyuk C., Oktenoglu T., Sasani M., Ozer A. F.
FRONTIERS IN SURGERY, 2023 (SCI-Expanded)
- V. **From Nose to Lumbar Spinal Cord; Reduced Sperm Numbers occur by Olfactory Bulbectomy-related Onuf's Nucleus Degeneration; New Experimental Evidence for Kallmann Syndrome**
Yolas C., KANAT A., ZEYNAL M., ŞAHİN M. H., Karadag M. K., Nuri Keles O. N., AKÇA N., DİL E., Dumlu Aydın M., GÜNDOĞDU Ö. L.
NEUROENDOCRINOLOGY, vol.113, no.10, pp.1051-1058, 2023 (SCI-Expanded)
- VI. **Effect of modified clivoaxial angle on surgical decision making and treatment outcomes in patients with Chiari malformation type 1**
AKYÜZ M. E., KARADAĞ M. K., ŞAHİN M. H.
FRONTIERS IN SURGERY, vol.10, 2023 (SCI-Expanded)

- VII. **The role of ONSD in the assessment of headache associated with Chiari malformation type 1**
KARADAĞ M. K., AKYÜZ M. E., ŞAHİN M. H.
Frontiers in Neurology, vol.14, 2023 (SCI-Expanded)
- VIII. **Radiological and Clinical Follow-up of Alpha-D Cervical Disk Prosthesis**
KARADAĞ M. K., Öktenoğlu T., Başak A. T., Günerbüyük C., Akgün M. Y., Aydın A. L., Hekimoğlu M., Erbulut D. U., Özer A. F.
Indian Journal of Orthopaedics, vol.57, no.2, pp.319-324, 2023 (SCI-Expanded)
- IX. **Spondylodiscitis as osteoarticular involvement in brucellosis**
KARADAĞ M. K., ALAY H., YILMAZ ÇANKAYA B.
REVISTA DA SOCIEDADE BRASILEIRA DE MEDICINA TROPICAL, vol.56, 2023 (SCI-Expanded)
- X. **Brucellar Cervical Spondylodiscitis Complicated by Epidural Abscess and Neurobrucellosis**
ALAY H., KARADAĞ M. K., YILMAZ ÇANKAYA B.
REVISTA DA SOCIEDADE BRASILEIRA DE MEDICINA TROPICAL, vol.56, 2023 (SCI-Expanded)
- XI. **Preoperative Magnetic Resonance Imaging Abnormalities Predictive of Lumbar Herniation Recurrence After Surgical Repair**
KARADAĞ M. K., Akinci A. T., Basak A. T., Hekimoglu M., Yildirim H., Akyoldas G., Aydın A. L., Ates O., Oktenoglu T., Sasani M., et al.
WORLD NEUROSURGERY, vol.165, 2022 (SCI-Expanded)
- XII. **Protective Felix Culpa Effect of Superior Sympathetic Cervical Ganglion Degenerations on Prevention of Basilar Artery Spasm After Subarachnoid Hemorrhage: A Preliminary Experimental Study**
Sahin B., KANAT A., KARADAĞ M. K., DEMİRTAŞ R., AYDIN M. D.
WORLD NEUROSURGERY, vol.164, 2022 (SCI-Expanded)
- XIII. **Predictive role of trigeminal ganglion ischemia on scalp survival affected by temporal artery diameters: The first experimental study**
OLĞUN A., Sirinoglu D., Karadag M. K., KAYA Z., MUTLU V., KOÇAK M. N., DEMİRTAŞ R., AYDIN M. D.
Journal of Plastic, Reconstructive and Aesthetic Surgery, vol.75, no.7, pp.2441-2450, 2022 (SCI-Expanded)
- XIV. **Dry Mouth Caused by Facial Nerve Ischemia due to Subarachnoid Hemorrhage: An Experimental Study**
PAŞAHAN R., Yardim A., KARADAĞ M. K., Alpaslan A., AYDIN M. D.
WORLD NEUROSURGERY, vol.154, 2021 (SCI-Expanded)
- XV. **Stellate ganglion ischemia on the prevention of pulmonary vasospasm during bilateral carotid artery ligation: The first experimental study**
Arslan R., Aydın M. E., Karadag M. K., Caglar O., Karadeniz E., Aydın M. D.
NEUROPATHOLOGY, vol.40, no.5, pp.467-473, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Neurophysical Hypothesis on the Role of the Intensity of the Electromagnetic Field Generated by the Cerebral Hemispheres in the Determination of Laterality, in Line with Einstein's Unified Field Theory**
GÜLER M. C., KARADAĞ M. K., AYDIN M. D.
JOURNAL OF CONTEMPORARY MEDICINE, vol.14, no.4, pp.174-179, 2024 (Peer-Reviewed Journal)
- II. **LONG-TERM FAILURE OF DYNAMIC RODS USED IN FULL DYNAMIC STABILIZATION**
Akgün M. Y., Ateş Ö., Günerbüyük C., KARADAĞ M. K., Özer A. F.
Journal of Turkish Spinal Surgery, vol.34, no.4, pp.137-142, 2023 (Scopus)
- III. **New histopathological evidence for the relationship between hydromyelia and hydrocephalus following subarachnoid hemorrhage: An experimental study**
Yardim A., KANAT A., KARADAĞ M. K., AYDIN M. D., Gel M. S., Daltaban I. S., DEMİRTAŞ R.
Journal of Craniovertebral Junction and Spine, vol.14, no.3, pp.253-258, 2023 (ESCI)
- IV. **NEURO PHYSICAL MECHANISM OF PARKINSON'S DISEASE LINKED WITH WEAK ELECTROMAGNETIC**

FIELD OF SUBTHALAMIC NUCLEUS INDUCED BY DECREASED CHARGING EFFECT OF NEURENTERIC COIL: PRELIMINARY EXPERIMENTAL STUDY

AYDIN M. D., KARADAĞ M. K., ŞAHİN M. H., ZEYNAL M., AHISKALIOĞLU A., KELEŞ O. N., ÖZMEN S.

Atatürk Üniversitesi Tıp Fakültesi Cerrahi Tıp Bilimleri Dergisi, vol.1, no.3, pp.80-88, 2022 (Peer-Reviewed Journal)

- V. **Neuro Physical Mechanism Of Parkinson Disease Linked With Weak Electromagnetic Field of Subthalamic Nucleus Induced By Decreased Charging Effect Of Neurentric Coil: Preliminary Experimental Study**

AYDIN M. D., KARADAĞ M. K., ŞAHİN M. H., ZEYNAL M., AHISKALIOĞLU A., KELEŞ O. N., ÖZMEN S.

Atatürk Üniversitesi Tıp Fakültesi Cerrahi Tıp Bilimleri Dergisi, vol.1, no.3, 2022 (Peer-Reviewed Journal)

- VI. **Hazardous Effects of Lumbar Somatosensitive Dorsal Root Ganglion Ischemia on Abdominal Skin Following Spinal Subarachnoid Hemorrhage: The First Experimental Study**

OLĞUN A., ŞAHİN M. H., ZEYNAL M., KARADAĞ M. K., DEMİRTAŞ R., ÇAĞLAR Ö., AYDIN M. D.

New Trends in Medicine Sciences, vol.3, no.2, pp.105-110, 2022 (Peer-Reviewed Journal)

- VII. **Denervation injury of scalp hair due to trigeminal ganglion ischemia: the first experimental study**

OLĞUN A., KARADAĞ M. K., ZEYNAL M., ŞAHİN M. H., DEMİRTAŞ R., TURAN Ç., AYDIN M. D.

JOURNAL OF HEALTH SCIENCES AND MEDICINE, vol.5, no.4, pp.996-1001, 2022 (Peer-Reviewed Journal)

- VIII. **Intracranial epidural hematoma after use of a 3-pin head clamp in a pediatric case with posterior fossa tumor and hydrocephalus: A case report**

Şahin M. H., Zeynal M., Karaavcı N. Ç., Karadağ M. K.

Journal of Clinical and Investigative Surgery, vol.6, no.2, pp.178-182, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **VİRAL ENFEKSİYONLAR**

YALÇIN A., ALBAYRAK A., KARA C., AKYÜZ M. E., KADIOĞLU H. H., ALAY H., KARADAĞ M. K., ZEYNAL M., ELVEREN M., AKTAŞ O.

in: MERKEZİ SİNİR SİSTEMİNİN ENFEKSİYÖZ HASTALIKLARI, HAKAN HADİ KADIOĞLU, Editor, ATATÜRK ÜNİVERSİTESİ YAYINLARI, Erzurum, pp.205-274, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Air/Water Filled Ballon Inserion To Cyst Cavity To Prevent Brain Cortex Depression Following Hydatid Cyst Operation: A Technical Report With Two Cases Presentations**

AYDIN M. D., KARAAVCI N. Ç., KARAAVCI N. Ç., ŞAHİN M. H., ZEYNAL M., KARADAĞ M. K., DÜLGER S., ÇAĞLAROĞLU Y.

Türk Nöroşirürji Derneği, 31. Bilimsel Kongresi, Antalya, Turkey, 29 March - 02 April 2017, pp.283

- II. **Chiari Malformasyonu Operasyonu Sonrası Cerrahi PİCA Hasarı Olmaksızın Gelişen Serebellar Enfarkt**

ÇAĞLAROĞLU Y., ÇAKIR M., AKYÜZ M. E., KARADAĞ M. K.

Türk Nöroşirürji Derneği 30. Bilimsel Kongresi, Turkey, 08 April 2016

- III. **Tek Seviye Diskektomi Sonrası Epidural Hematoma Bağlı Kauda Ekuina Sendromu**

KARADAĞ M. K., AKYÜZ M. E., ÇAKIR M., KARAAVCI N. Ç., DÜLGER S.

Türk Nöroşirürji Derneği, 30. Bilimsel Kongresi, Antalya, Turkey, 8 - 12 April 2016, pp.347

- IV. **Predictive Role of Renal Artery Vasospasm on Anuria in Subarachnoid Hemorrhage: Experimental Study**

AYDIN M. D., KARAAVCI N. Ç., ŞAHİN M. H., ZEYNAL M., KARADAĞ M. K., AKYÜZ M. E., ÇALIK M.

Türk Nöroşirürji Derneği 30. Bilimsel Kongresi, Antalya, Turkey, 08 April 2016, vol.26, pp.62

Metrics

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